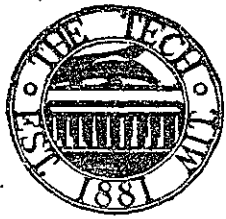


The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXII, NO. 44

CAMBRIDGE, MASS., FRIDAY, DECEMBER 5, 1952

5 CENTS

TECH SHOW OPENS ON BROADWAY TONITE



"Pass the Hat," the most recent of a long line of annual Tech Shows, will come before the footlights tonight in Cambridge High and Latin Auditorium. The audience consisting mainly of Tech students, faculty members, and alumni who have returned for the event, will see a show calculated to give them a fine evening's entertainment and to maintain the reputation that has made Tech Shows an M.I.T. institution.

Entirely original, as it has always been in recent years, this year's show is designed to appeal to the musical and humorous tastes of all persons connected with college life. Nearly all the show takes place at a fictitious mid-Western state university, completely overrun by socially and athletically-minded "play boys" and resplendent with good-looking coeds. Complications arise in the happy lives of the "country club" members with the appearance of two Brooklynites, one a serious minded youth eager to study, and the other a Brooklynese "slang-slinging" gangster who somehow got lost in the shuffle after a bank robbery and turns up at the school with the cops hot on his trail. The story, the lively music, and the humor—especially that of Arnold Levine, '53, in the role of a gangster—combine to give a presentation that is assured to be happily recalled many times in the future.

The story for "Pass the Hat" was written by Levine, while the music was composed by Lou Calcagno, '54.

TCA Will Offer Aid To Drivers, Riders With Motor Bureau

A Motor Transportation Bureau to go into operation on Monday is the latest service to be offered by the T.C.A.

The set-up of the bureau, (suggested by Gerald S. Amster, '54, at a recent T.C.A. cabinet meeting) is relatively simple: A Transportation Request file and a Passenger Request file will be maintained at the T.C.A. office, and will be matched two or three times per week. Riders will be informed by note when a ride has been found for them.

Both riders and drivers can obtain the special request cards either at a dormitory desk, in Building 10, or at T.C.A. Fraternities and commuters may be supplied with the cards on request.

The cards, (white for riders, red for drivers) when properly filled out should be either deposited in the Institute mail system or brought directly to the T.C.A.

While Christmas vacation and other important holidays are expected to prove the busiest times for the Motor Bureau, the service is meant to be a year-round proposition, functioning for weekends and weekdays as well.

Blair Behringer, '55, is doing the directing with a cast starring: David Rados, '55, Gloria MacLeod, Levine, Joan Eisen, Bill Gleckman, '54, Jack Diamond and Martin Schwartz, '57.

For those new around Cambridge, to get to Tech Show, from Kendall Square, take the Harvard bus which goes by way of Broadway and get off at the theatre. If you go by Mass. Avenue, get off at Trowbridge Street and walk up to the theatre on Broadway.

The sales manager has given the word that the box office will be open on both nights and that there are several good seats left, especially for tonight.

Dr. Karl Compton Visits, Addresses Britain's "Tech"

Dr. Karl T. Compton, Chairman of the Corporation, was special visitor recently at the Commemoration Day ceremonies of Imperial College in Great Britain.

Dr. Compton's address at the school which is generally considered to be the English counterpart of M.I.T., dealt with the topic, "The Growth of Higher Technological Education in the Twentieth Century." The President of the Corporation also touched on the benefits of international links in the scientific and technological field.

Close Associations
After thanking the Governors for the award of his Honorary Fellowship, Dr. Compton went on to say that he was proud of the association between the two great institutions of M.I.T. and Imperial College. Many personal friendships had grown up and there had been a rapid interchange of new ideas. Dr. Compton enumerated the people from Great Britain, some from Imperial, who were now working at the Institute, and pointed out that much of the inspiration and guidance for the establishment of M.I.T. in 1865, had come from the Kensington School.

In discussing the growth of technological education in the 20th century Dr. Compton had time to consider only one aspect, that revealed by a remark of Sir Richard Southwell that industrial structure must determine the structure of engineering education. He went on to say that since the beginning of the 20th century there have been tremendous advances in automotive, aeronautical, chemical, and electronic engineering which have been accompanied by corresponding changes in the teaching of engineering and applied science.

Education Precedes Industry
Dr. Compton emphasized that it must be realized that it is not sufficient for education to follow industry, it must also anticipate its future requirements by wisely interpreting trends and foreseeing needs.

(Continued on page 4)

Dormcomm's Xmas Formal To Be Held On December 13th

After long and heated debate, the Baker House Committee voted to allow Dormcomm to hold its annual Christmas Formal in the Baker House Cafeteria.

Walter Kroy, '54, Social Chairman of Dormcomm, requested the permission of the House Committee to use Baker House. Marty Wohl, '53 and Jerry Perloff, '55 objected to the motion on the grounds that the Baker Dance was being held on Saturday, Dec. 13, and with Dorm Formal also held at Baker the previous night, the financial success of the Baker Dance would be impaired. One of the committee offered to vote for the motion if Dormcomm would subsidize the Baker House affair to the extent of \$50.00. Kroy was asked to amend his motion to that effect, but Kroy refused on the grounds that he was not so empowered by Dormcomm.

A roll call vote on Kroy's original resolution resulted in a 5-5 tie and the defeat of the request by Dormcomm. The voting was marked by a new form of parliamentary procedure—passing. Many of the voters "passed" to the next man, and when the others had finished voting, the chairman returned to them and allowed them to vote.

A separate motion was then made requesting financial aid from Dormcomm. The debate was long and heated—since if Dormcomm did help Baker, it might set a precedent which would force the supporting of all the house dances and parties. The motion was finally defeated.

The original motion to let Dormcomm hold their formal at Baker was reconsidered, wherein Dormcomm received its permission by a vote of 6-4.

Leading Soloists Announced For Musical Club's Holiday Concert

Leading soloists have been announced by the M. I. T. Musical Clubs for its Christmas presentation of Judas Maccabaeus. Their billing is as follows: Helen Boatwright, soprano; Eunice Alberts, alto; William Hess, tenor; and Paul Matthen, bass. Included in the 150 voices taking part will be the Boy's Choir of First Christ Church, Cambridge. Bruce D. Gavril, a graduate student at Technology, is the trumpet soloist for Handel's oratorio.

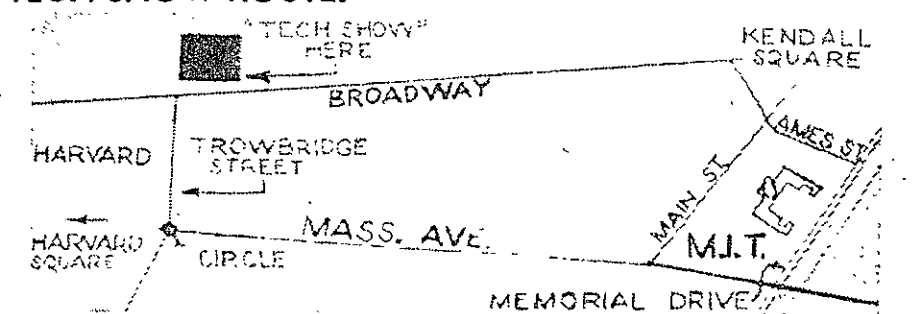
Helen Boatwright, Soprano

Helen Boatwright, talented young soprano, began singing at an early age when her parents organized a children's choir to sing Christmas carols in the city hospitals of her native Sheboygan, Wisconsin. Her serious study of music started when she was 12 through a scholarship awarded to her from a teacher who considered her voice outstanding. A later scholarship to Oberlin Conservatory followed where she graduated with a master's degree. During one spring season, she was soloist in a concert of 15th century music, performed by Paul Hindemith's Collegium Musicum at Yale, soloist at the famous Bach Festival in Bethlehem, Pa., and soloist at Town Hall, New York City, in the premier of a contemporary work for soprano and orchestra. Bach celebrations have called for her services in Virginia, Ohio, New Jersey, Connecticut and Massachusetts. This past November 3rd she sang in Sanders Theatre with the Cambridge Society for Early Music.

William Hess, Tenor

Well known for his performance

TECH SHOW ROUTE:



Tech Quintet's Season Starts Tomorrow Night; Trinity To Be First Test

By Joe Kozol

A Beaver basketball team that promises to be the best Tech has seen in the past three years opens the 1952 season Saturday, December 6 at Hartford, against Coach Ray Oosting's Trinity Five, considered as one of the best small college basketball teams in the country.

The Frosh game will start at 7:00 p.m. and the Varsity men will take the court at 8:45 p.m. Although the Hilltoppers defeated the Beaver men 64-45 last year, the outlook for this year is much brighter.

Tech coach Robert "Scotty" Whitelaw will probably start Stan Shilensky at center. Shilensky, a 6 foot 5 in., 180 pound sophomore

I. F. C. Receives National Award

At the recent National Interfraternity Conference meeting in New York City this past weekend the M.I.T. Inter-Fraternity Conference was awarded "Honorable Mention" in the "large schools in large cities" class. This places the M.I.T. Inter-Fraternity Conference in the top twenty Inter-Fraternity Conferences of the nation.

The awards were made in the basis of service on the part of the Inter-Fraternity Conferences to the community, school, and member fraternities. Competition was between three hundred and thirty Inter-Fraternity Conferences on as many university campuses across the United States and Canada. In a similar competition in 1948 the M.I.T. Inter-Fraternity Conference won first prize in all classes.

Attending the conference from M.I.T. were Sidney Hess, '53, and Albert Ward, '54.

Kidder Captain

In the backcourt will be Paul Van Allstyn, a fast man and a good driver. At present it looks like Van Allstyn could play on any college team in the country. Also in the backcourt for the Beavers will be Captain Russell Kidder, former captain of the Braintree, Mass. High School basketball team.

Chistolini Trinity High Scorer

One of the starting guards for the Blue and Gold will be Bruno Chistolini, a 21-year-old senior from Westfield, Mass. Last year Chistolini ran up the second largest individual high scoring record in Trinity's history, (which dates back to 1896). He averaged 14.8 points per game in 19 games. Chistolini also ran up the highest individual single game score last year by sinking 10 field goals and 5 fouls for a total of 25 points. Starting at center will be the Hilltopper's 20-year-old captain, Charley Wrinn, from Hartford, Connecticut. The 6 foot 3 inch, 175 pound center won the Trinity M.V.P. award last year, averaging 25.6 rebounds and 15 points per game. Wrinn led the small college teams of the nation with this rebounding last year, according to N.C.A.A. statistics. Also starting as a guard for Trinity will be Wait Novak, a 22-year-old senior from Northampton, Mass. Novak averaged 10.5 points per game for the Hilltoppers last year. One of the

(Continued on Page 4)

Coeds, Alumnae Dine; Dean Bowditch Speaks Of Women At Institute

Institute coeds and alumnae dined together at a banquet given on Tuesday, December 2, from 6:00 to 8:30 p.m., in the Emma Rogers Room. Dean and Mrs. E. Francis Bowditch were the guests of honor.

After introductions by Mrs. Mary Guynan, president of the Alumnae Association, Dean Bowditch spoke on the topic "The past and future of women at M.I.T." He elaborated on the career opportunities of Institute coeds, mentioning that seven out of eighteen women college graduates spoken about in a recent book came from the Institute.

About fifty women heard Dean Bowditch's assurance that women will become a more integral part of the Institute, and will be given more voice in major decisions. He stated that a study is being made of the dormitory situation, with the eventual possibility of having the Women's Dormitory on the campus.



Pictured above is Miss Helen Boatwright, Soprano Lead in the M.I.T. Musical Club's Performance of Judas Maccabaeus.

Mr. Hess has appeared with the Rochester Civic Orchestra, the Boston Symphony, the National Symphony in Washington, D. C., and the Little Orchestra Society, performing the title role in the Mozart opera, "Idomeneo" at Town Hall under the baton of Thomas Sherman. This past summer he sang the leading tenor role in Smetana's opera "The Bartered Bride" at the St. Louis Municipal Opera opposite Jarmila Novotna.

The Tech

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No. 44

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FOR A STUDENT UNION

What with the Institute's available financial resources tied up elsewhere, and with the rather limited means at the disposal of the Baker Memorial Foundation which brought the matter up, the proposal of erecting a Student Union building on the West Campus has not received all the attention it deserves.

The program which the instigators of the move have in mind is indeed a formidable one. The actual list of types of spaces which are to comprise the Student Union building is in fact short: meeting rooms, activity offices, reading rooms, record library, and recreation space. However if we consider how many meeting rooms would be necessary, how many activities would be entitled to office space, how many reading rooms would have to be provided and how large a recreation area would be essential, it is obvious that we will finish with quite a sizable building. An obstacle would be that of making the land available. Part of the proposed site, although owned by the Institute, is at present covered by the business block opposite the principal entrance to M. I. T. The cost of the project at present estimates would reach \$3,000,000. Even were a sum that large raised, there would still be the problem of procuring building materials for what would be, from the Government's standpoint, non-essential construction. Opposition may arise from those who contend that since we have Walker Memorial, we don't need a second building. Others may point to the fact that having meeting rooms for activities and student committees alone would be wasteful use of space, since today many Institute rooms are serving the double function of classrooms during the day and meeting rooms at night.

In a recent editorial we drew attention to the Institute's growth in size and wealth since 1916; to the repercussions which this substantial growth has had on the academic and non-academic life of the student; and to the fact that the modification of the student's environment has not always kept pace with his growth.

Nowhere has this lag been more striking than in the question of providing a congenial backdrop for the student's non-academic activities. That the Alumni living at the turn of the century were aware of the importance of this is shown by the construction of Walker Memorial. But that was a couple of generations back. What was adequate space then is inadequate space now; and rooms which were then regarded as well lit, heated and ventilated are no longer considered comfortable today.

At present the headquarters of student activities are strewn haphazardly about the campus. Some of the larger activities have no more than a pair of rooms tucked away in a stuffy basement, with little or no room for expansion. Some of the smaller activities are obliged either to meet in a classroom or in one of the Walker lounges, which are badly ventilated or, as in the case of the Faculty lounge, are no more than a through passage.

The proposed Student Union, with adequate space and with facilities for expansion could contain, apart from those rooms already outlined, a drug-store and barber-shop as an alternative to those now existing at the Coop. A record shop and a small general appliance shop could also be provided.

It remains to decide what group could best undertake so large an enterprise. The choice seems to fall naturally on the Everett Moore Baker Memorial Foundation. The Baker Memorial Foundation was one of the first to bring up the proposal in concrete terms. By probing and investigating new possibilities, by contacting faculty, alumni, students and visitors for aid and suggestions, in short, by keeping the great project steadily before the eyes of all of us, the Foundation could provide for succeeding classes the necessary congenial environment which is lacking at present. It would also symbolize in a new way those goals for which the late Dean Baker fought so earnestly.

through the mail

To the Editor of THE TECH:

I hope that this letter will not be too late to be of value in the present Field Day controversy. I am greatly concerned by the current clamor to abolish Field Day and the Sophomore-Freshmen rivalry. I think that it is about time that a freshman voice is raised.

As a self-appointed arch-enemy of the Class of 1955, I have been the recipient, as my sophomore-instigated trip to Philadelphia certifies, of well over the ordinary share of freshman hazing. I have also taken an active part on behalf of the freshmen by organizing rallies, conducting raids, and so forth. Yet, despite the study time which I have lost over the pre-Field Day period, given the chance to do it again, I would assign even more of my time to class rivalry.

Due to class rivalry, many freshmen, including myself, have been

drawn out of their shells. It was as a result of a dorm raid in which several freshmen were tossed en masse into the showers that I was literally thrown into contact with the fellow residents of my hall. Needless to add, friendships developed rapidly after that. As a result, East Campus is now a happier, more pleasant place for me to live.

Is it nonsense, as Jean-Pierre Radley asserts, to unite in a common cause freshmen who would otherwise have no "common denominator?" Is it foolish to make freshmen identify themselves with their class and hence with the Institute? Is it wrong to bring freshmen together in a common bond of friendship? Should I sit down at my desk, shove my nose in a book and isolate myself from the other thirteen men on my floor?

Several objections have been raised to Field Day and its antecedent class rivalry. The first of these is that class rivalry is detrimental to the character of freshmen. If we are to define as detrimental that which draws

freshmen a little out of the narrow sphere of scholastic activity, then this argument might be valid; otherwise, I feel inclined to say that class rivalry helps as a builder of self-dependence and initiative. The unwritten rules of fair play in the rivalry—Yes, there are such rules!—might well be extended and modified to cover any conflict in life. As for Field Day itself, it is most important that it be retained, and its most prominent feature, the Glove Fight, be continued as a means of allowing those who had previously kept to themselves a chance to take part in the rivalry during its last and most spirited phase.

Another argument against class rivalry has been that it creates bad feeling between freshmen and sophomores during the remainder of their M.I.T. careers. I need only point out that many of the very best friends I have made since coming to M.I.T. are those who were most active in hazing me.

The argument which I fear will carry the most weight in discussions concerning the future of Field Day is that too much damage is done during the rivalry. From what I have seen, I can say that ninety-five percent of the damage is done by one percent of those taking part. These few individuals could not be restrained from breaking things, even did they not have the name of class spirit under which to mask their actions. In defense of this, I need but state that the connecting door to my room has been broken and I have twice had occasion to visit the infirmary, due not to class rivalry, but rather to the irresponsibility of other freshmen. It is the presence of such individuals that assures us that dormi-

(Continued on page 4)

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The Technology Store

Beaver Barks

THE CITY GAME...

By Jerry Cohen

The Engineer quintet opens its 1952-53 campaign tomorrow night against the powerful Hilltoppers. Since our last report to you, on the status quo of the hoop sport here at Tech, the bright light had continued to shine. While the rest of us were sleeping off three months of too much Technology, the Five was working hard to round off the rough edges before the first whistle.

The features of the weekend for Coach Scotty Whitelaw's squad was scrimmages against the Harvard and Boston College VARSITIES.

The Crimson Squad still has 6' 6" Dick Lionette a rangy, powerful rebounder who has an extremely dead eye. Nevertheless the Tech quintet held their own throughout the scrimmage. When it was all over it was impossible to pick the better team. (The school from up the river isn't on our schedule this year for only one reason—there was a mixup in scheduling and they failed to let us know they wanted to have us on their schedule until it was too late, and ours had already been filled.) Against B.C., one of the stronger teams in New England, the Cardinal and Grey ended up with just about ten points less than the Eagles. Even this close score does not reveal how well the team looked. Except for their phenomenal outside shooting the Boston College five would have lost heavily, for the Beavers outplayed them all the way and were much sharper on the inside.

This game tomorrow eve should prove a real test. Trinity is the outstanding small college team in the east and has lost but one man from last year's squad that toppled the Engineers 64-45. The remarkable appearance of the team so far, coupled with the fact that Trinity usually gets off to a slow start each season, should make this game a real thriller.

The City game... is scheduled for 8:45 in the 137th street gymnasium. The gym is about the size of Walker and there seems to be quite a little sentiment about the contest in the big city, so you may have some trouble finding a seat. However, the A.A. is asking for tickets to be sent up or to guarantee Techmen admission. Contacting the sports department or the A.A. would be a big help to you and us. Incidentally, City opened its season last Saturday with an unimpressive win (for City) over Hunter College 77-52. This is Hunter's first season in intercollegiate basketball and the former all girls' school has a rather raw squad. However this does not mean that better is not to be expected from the New Yorkers. 33-year-old coach Dave Polansky (who was born the year ex-coach Nat Holman started coaching the cage sport at City) has high hopes—far from unfounded. The nucleus of the team consists of four of last year's regulars and two starters from the Commerce Center that Polansky previously coached. One of the veterans may well earn national recognition. This is captain Jerry Domerschick. A junior, he averaged 15 points a game last year

(Continued on Page 4)

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ALL ARE WELCOME

Winter Sports Season Begins

Hockey, Basketball Top Games

The M.I.T. winter sports season will get off to a fast start this weekend with a total of seven Beaver varsity teams engaged in intercollegiate competition.

The hockey team starts things rolling Friday night with a game against the University of Rhode Island at 7 o'clock in the Boston Arena. The Rhode Islanders almost always have one of the best squads in New England and promise to provide some stiff opposition for the Beaver sextet. Saturday afternoon five more squads swing into action. The squash

team will travel to Hanover, New Hampshire to meet the Dartmouth team. This will be the first intercollegiate match for the squashmen, who have already won their first two MSRA matches.

The swimmers will meet Amherst at 2 o'clock in the Alumni Pool, and the wrestlers face Boston University at the same time in Briggs Field House. The fencing team clashes with Bradford Durfee, in Walker Memorial and the rifle team is scheduled to meet the Boston University sharpshooters.

(Continued on Page 4)

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Serve Ballantine Beer right off the ice. It just brims with flavor!



BALLANTINE BEER

P. Ballantine & Sons, Newark, N. J.

Beaver Barks

(Continued from Page 3)

Domerschick will be 5 foot 7 inch, Jack Chudnoff, 6 foot 2 inch Charley Rowe, or 5 foot 10 inch Jerry Gold, one of the starters back from last season. All are excellent scorers. At center it should be Marty Gurkin. The 6 foot 5 inch husky is very unpolished as yet. Howie Buss 6 foot 3 inch, and Mervyn Shorr, 6 foot 4 inch, will be at the forwards. Buss is up from the Commerce School, while Shorr is another returning letterman.

When Gurkin tires there is an ample supply of equally tall City men to take his place. Either Art Dlott, up from Commerce, or Ed Cheneetz, recently cleared in connection with the scandals and reinstated. Both are also 6 foot 5 inch.

Sports

(Continued from Page 3)

Saturday night the big weekend will draw to a close as one of the most promising Tech basketball teams in years clashes with a strong Trinity College five at Hartford, Connecticut. Trinity loses only one starter from the team that defeated the Beavers 64-45 last season and finished with a 14-5 record. With a new coach and a vastly improved squad, the Engineers have high hopes of upsetting the Trinity bandwagon.

There will be an abundance of activity in the M.I.T. sporting world the weekend, and since all but two of the contests will be held at Tech or only a short distance away, there will be plenty of sports to watch. A few cheers behind a team can inspire victory, so let's have some big crowds out to cheer our teams on and get the winter sports season off to a good start.

Basketball

(Continued from Page 1)

in addition to his remarkable play-making. Sharing the backcourt with starting forwards for the Blue and Gold will be Charley Mazurek, a 20-year-old junior from Hartford. Trinity is expected to replace last year's captain, Dave Smith, with Matt Wallace, a 6 foot, 170 pound junior. Wallace is a transfer student from Notre Dame. The flashy Trinity varsity boasts a total of 1,320 points for last season. Trinity averaged 69.5 points per game last season, while their opponents ran up an average of 60.8 points per game. The team ran up its highest score against Union, sinking a total of 95 points.

Two years ago the Hilltoppers were finalists in the New England Invitational basketball tournament. Their total record against Tech since the series started in 1938 stands at 9 wins and 4 losses. The Trinity record for last season was 14 wins and 5 losses. The losses, to such teams as Colby, Holy Cross and Yale, were attributed mainly to the lack in height of the Blue and Gold varsity. Their main defect this year seems to be that they lack a depth of players and again are lacking in height.

In 25 years as a basketball coach, Ray Oosting has seen a total of 214 wins and 129 losses racked up at Trinity. In the past three years the record at Trinity has been 43 wins and 13 losses.

The Blue and Gold and the Beaver Five are both fast-breaking ball clubs and the game promises to be a high scoring one. The Trinity varsity have been exceptionally deadly from the foul line.

Letters

(Continued from Page 2)

tory damage assessments would not be a dollar less if the rivalry were banished. Those who deface the walls with class numerals are the same people who ten years ago chalked filthy words and five years ago drew hearts on other walls and sidewalks. In another ten years you will still find them, chalk in hand, scribbling away frantically on public buildings.

I have no objection to a change in the format of Field Day, provided that the Glove Fight and the pre-Field Day rivalry are retained. In combination with JP weekend, this year's Field Day provided one of the brightest spots on the social calendar. An All-Tech Dance might make it brighter still. It has been proposed that Field Day be replaced by an All-Tech weekend of athletic contests. I have lately heard of a similar event known as "Tech's-a-Poppin'" which died for lack of interest. After all, the purpose of Field Day is to prevent loss of interest on the part of freshmen in their class and in M.I.T.

GARRY L. QUINN, '56
November 26, 1952

Compton

(Continued from Page 1)

He pointed out that this means education for research and development, for management of technical enterprises and for coordination of various areas of applied science; all this in addition to the more generally recognized task of training specialized designers and operators.

All this, Dr. Compton said, poses a difficult problem in the organization of the programs of engineering schools, as the demands of new requirements and opportunities must be met.

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